

Music Streaming Platform

Monica Luevano

Part A:

Table Name	Attribute Name	Contents	Type	Format	Range	Required	PK or FK	FK Preference Table
Customer	CusCode	User Account Code	CHAR(5)	99999	10000-9999	Y	PK	
	CusLastName	User last name	VARCHAR(20)	XXXXXXX		Y		
	CusFirstName	User first name	VARCHAR(20)	XXXXXXX		Y		
	CusBDate	User birthdate	DATE	dd-mm-yyyy				
	CusCountry	User Country	VARCHAR(20)	XXXXXXX				
	SubTypeID	Subscription Type Code	CHAR(5)	99999		Y	FK	Subscription
Subscription	SubTypeID	Subscription Type Code	CHAR(5)	99999		Y	PK	
	SubTypeName	Subscription type name	VARCHAR(20)	XXXXXXX				
	SubTypeDesc	Subscription Type Description	VARCHAR(20)	XXXXXXX				
Artist	ArtistID	Artist Account Code	CHAR(5)	99999	10000-9999	Y	PK	
	ArtistLastName	Artist last name	VARCHAR(20)	XXXXXXX		Y		
	ArtistFirstName	Artist first name	VARCHAR(20)	XXXXXXX		Y		
	GenreID	Genre code	CHAR(5)	XXXXXXX		Y	FK	Genre
Album	AlbumID	Album Code	CHAR(5)	99999		Y	PK	
	AlbumName	Album name	VARCHAR(20)	XXXXXXX				
	AlbumDate	Album date	DATE	dd-mm-yyyy				
	LabelID	Label Code	CHAR(5)	99999		Y	FK	Label
Song	SongID	Song Code	CHAR(5)	99999		Y	PK	
	SongName	Song name	VARCHAR(50)	XXXXXXX				
	SongTime	Song time (minutes)	CHAR(2)	99				
	AlbumID	Album code	CHAR(5)	99999		Y	FK	Album

Genre	GenreID	Genre code	CHAR(5)	99999		Y	PK	
	GenreName	Genre name	VARCHAR(20)	XXXXXXX				
	GenreDesc	Genre Description	VARCHAR(50)	XXXXXXX				
Writer	WriterID	Writer Account Code	CHAR(5)	99999		Y	PK	
	WriterLastName	Writer last name	VARCHAR(20)	XXXXXXX				
	WriterFirstName	Writer first name	VARCHAR(20)	XXXXXXX				
	SongID	Song Code	CHAR(5)	99999		Y	FK	Song
Label	LabelID	Label code	CHAR(5)	99999		Y	PK	
	LabelName	Label name	VARCHAR(20)	XXXXXX				
	LabelCompany	Label company	VARCHAR(20)	XXXXXX				

Part B:

1 CREATE:

```
Live SQL
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SQL Worksheet
Clear Find Actions Save

1 CREATE TABLE CUSTOMER
2 (
3   CusCode int Primary Key,
4   CusLastName varchar(20),
5   CusFirstName varchar(20),
6   CusBDate DATE,
7   CusCountry varchar(75),
8   SubTypeID int,
9   FOREIGN KEY(SubTypeID) REFERENCES SUBSCRIPTION(SubTypeID)
10 )
11
12 CREATE TABLE SUBSCRIPTION
13 (
14   SubTypeID int Primary Key,
15   SubTypeName varchar(20),
16   SubTypeDesc varchar(20)
17 )

Table created.
```

```
Live SQL
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SQL Worksheet
Clear Find Actions Save

1 CREATE TABLE CUSTOMER
2 (
3   CusCode int Primary Key,
4   CusLastName varchar(20),
5   CusFirstName varchar(20),
6   CusBDate DATE,
7   CusCountry varchar(75),
8   SubTypeID int,
9   FOREIGN KEY(SubTypeID) REFERENCES SUBSCRIPTION(SubTypeID)
10 )
11
12 CREATE TABLE SUBSCRIPTION
13 (
14   SubTypeID int Primary Key,
15   SubTypeName varchar(20),
16   SubTypeDesc varchar(20)
17 )

Table created.
```

```
Live SQL
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SQL Worksheet
Clear Find Actions Save

1 CusBDate DATE,
2 CusCountry varchar(75),
3 SubTypeID int,
4 FOREIGN KEY(SubTypeID) REFERENCES SUBSCRIPTION(SubTypeID)
5 )
6
7 CREATE TABLE SUBSCRIPTION
8 (
9   SubTypeID int Primary Key,
10   SubTypeName varchar(20),
11   SubTypeDesc varchar(20)
12 )
13
14 CREATE TABLE GENRE
15 (
16   GenreID int Primary Key,
17   GenreName varchar(20),
18   GenreDesc varchar(20)
19 )
20
21
22
23
24

Table created.
```

```
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SQL Worksheet
Clear Find Actions Save

15 SubTypeName varchar(20),
16 SubTypeDesc varchar(20)
17 )
18
19 CREATE TABLE GENRE
20 (
21   GenreID int Primary Key,
22   GenreName varchar(20),
23   GenreDesc varchar(20)
24 )
25
26 CREATE TABLE ARTIST
27 (
28   ArtistID int Primary Key,
29   ArtistLastName varchar(20),
30   ArtistFirstName varchar(20),
31   GenreID int,
32   FOREIGN KEY(GenreID) REFERENCES Genre(GenreID)
33 )

Table created.
```

Live SQL

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SQL Worksheet

Clear Find Actions Save

```

21  GenreID int Primary Key,
22  GenreDesc varchar(20)
23  )
24
25
26  CREATE TABLE ARTIST
27  (
28  ArtistID int Primary Key,
29  ArtistLastName varchar(20),
30  ArtistFirstName varchar(20),
31  GenreID int,
32  FOREIGN KEY(GenreID) REFERENCES Genre(GenreID)
33  )
34
35  CREATE TABLE LABEL
36  (
37  LabelID int Primary Key,
38  LabelName varchar(20),
39  LabelCompany varchar(20)
40  )

```

Table created.

Live SQL

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SQL Worksheet

Clear Find Actions Save

```

31  FOREIGN KEY(GenreID) REFERENCES Genre(GenreID)
32  )
33
34
35  CREATE TABLE LABEL
36  (
37  LabelID int Primary Key,
38  LabelName varchar(20),
39  LabelCompany varchar(20)
40  )
41
42  CREATE TABLE ALBUM
43  (
44  AlbumID int Primary Key,
45  AlbumName varchar(20),
46  AlbumDate DATE,
47  LabelID int,
48  FOREIGN KEY(LabelID) REFERENCES LABEL(LabelID)
49  )
50

```

Table created.

Live SQL

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SQL Worksheet

Clear Find Actions Save

```

41
42  CREATE TABLE ALBUM
43  (
44  AlbumID int Primary Key,
45  AlbumName varchar(20),
46  AlbumDate DATE,
47  LabelID int,
48  FOREIGN KEY(LabelID) REFERENCES LABEL(LabelID)
49  )
50
51  CREATE TABLE SONG
52  (
53  SongID int Primary Key,
54  SongName varchar(20),
55  SongTime char(2),
56  AlbumID int,
57  FOREIGN KEY(AlbumID) REFERENCES ALBUM(AlbumID)
58  )

```

Table created.

Live SQL

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SQL Worksheet

Clear Find Actions Save

```

49  )
50
51  CREATE TABLE SONG
52  (
53  SongID int Primary Key,
54  SongName varchar(20),
55  SongTime char(2),
56  AlbumID int,
57  FOREIGN KEY(AlbumID) REFERENCES ALBUM(AlbumID)
58  )
59
60  CREATE TABLE WRITER
61  (
62  WriterID int Primary Key,
63  WriterLastName varchar(70),
64  WriterFirstName varchar(70),
65  SongID int,
66  FOREIGN KEY(SongID) REFERENCES SONG(SongID)
67  )

```

Table created.

2 INSERT:

Subscription)

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SQL WorksheetClearFindActionsSave

66)
67
68 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (002, 'Student Plan', 'Student Discount')
69 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (003, 'Family Plan', 'Family Discount')
70 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (001, 'Standard Plan', 'Standard Price')
71
72 SELECT * FROM SUBSCRIPTION
73
74 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (102, 'Smith', 'Robert', 'United States', 001)
75 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (103, 'Lozano', 'Susanna', 'Mexico', 002)
76 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (104, 'Brooks', 'Steve', 'United States', 002)
77 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (105, 'Smith', 'Anthony', 'United States', 003)
78

1 row(s) inserted.

Customer)

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SQL WorksheetClearFindActionsSave

66)
67
68 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (002, 'Student Plan', 'Student Discount')
69 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (003, 'Family Plan', 'Family Discount')
70 INSERT INTO SUBSCRIPTION(SubTypeID, SubTypeName, SubTypeDesc) VALUES (001, 'Standard Plan', 'Standard Price')
71
72 SELECT * FROM SUBSCRIPTION
73
74 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (102, 'Smith', 'Robert', 'United States', 001)
75 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (103, 'Lozano', 'Susanna', 'Mexico', 002)
76 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (104, 'Brooks', 'Steve', 'United States', 002)
77 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (105, 'Smith', 'Anthony', 'United States', 003)
78

1 row(s) inserted.

Genre)

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SQL WorksheetClearFindActionsSave

74 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (102, 'Smith', 'Robert', 'United States', 001)
75 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (103, 'Lozano', 'Susanna', 'Mexico', 002)
76 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (104, 'Brooks', 'Steve', 'United States', 002)
77 INSERT INTO CUSTOMER(CusCode, CusLastName, CusFirstName, CusCountry, SubTypeID) VALUES (105, 'Smith', 'Anthony', 'United States', 003)
78
79 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1002, 'Rock', 'rock and roll music')
80 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1003, 'Dream Pop', 'type of alt rock')
81 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1004, 'Pop', 'upbeat')
82 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1005, 'Rap', 'fast')
83 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1006, 'Country', 'southern')
84 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1007, 'Latin', 'from latin America')
85
86

1 row(s) inserted.

Artist)

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SQL WorksheetClearFindActionsSave

83 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1006, 'Country', 'southern')
84 INSERT INTO GENRE(GenreID, GenreName, GenreDesc) VALUES (1007, 'Latin', 'from latin America')
85
86 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2001, 'Peck', 'Orville', 1006)
87 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2002, 'Smith', 'Elliott', 1002)
88 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2003, 'Blood', 'Weyes', 1003)
89 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2004, 'Fernandez', 'Vicente', 1007)
90 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2005, 'Ocean', 'Frank', 1005)
91 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2006, 'Venegas', 'Julieta', 1004)
92 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2007, 'Takeuchi', 'Mariya', 1004)
93
94
95 SELECT * FROM ARTIST

1 row(s) inserted.

Label)

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SQL WorksheetClearFindActionsSave

```
86 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2001, 'Peck', 'Orville', 1006)
87 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2002, 'Smith', 'Elliott', 1002)
88 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2003, 'Blood', 'Weyes', 1003)
89 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2004, 'Fernandez', 'Vicente', 1007)
90 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2005, 'Ocean', 'Frank', 1005)
91 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2006, 'Venegas', 'Julieta', 1004)
92 INSERT INTO ARTIST(ArtistID, ArtistLastName, ArtistFirstName, GenreID) VALUES (2007, 'Takeuchi', 'Mariya', 1004)
93
94 INSERT INTO Label(LabelID, LabelName, LabelCompany) VALUES (201, 'Sub-Pop', 'Warner')
95 INSERT INTO Label(LabelID, LabelName, LabelCompany) VALUES (202, 'Virgin Records', 'Universals')
96 INSERT INTO Label(LabelID, LabelName, LabelCompany) VALUES (203, 'Sony Mexico', 'Sony Entertainment')
97 INSERT INTO Label(LabelID, LabelName, LabelCompany) VALUES (204, 'Boys Dont Cry', 'Hypebeast')
98 INSERT INTO Label(LabelID, LabelName, LabelCompany) VALUES (205, 'Warner Music Japan', 'Warner')
```

1 row(s) inserted.

Album)

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SQL WorksheetClearFindActionsSave

```
1 v INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3001, 'Pony', '03-JAN-19', 201)
2 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3002, 'Either/or', '25-FEB-97', 202)
3 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3003, 'Titanic Rising', '01-APR-19', 201)
4 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3004, 'SI', '18-NOV-03', 203)
5 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3005, 'Que De Raro Tiene', '01-JAN-92', 203)
6 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3006, 'Blonde', '20-AUG-16', 204)
7 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3007, 'Expressions', '21-MAY-08', 205)
8
```

1 row(s) inserted.

Song)

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SQL WorksheetClearFindActionsSave

```
4 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3004, 'SI', '18-NOV-03', 203)
5 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3005, 'Que De Raro Tiene', '01-JAN-92', 203)
6 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3006, 'Blonde', '20-AUG-16', 204)
7 INSERT INTO Album(AlbumID, AlbumName, AlbumDate, LabelID) VALUES (3007, 'Expressions', '21-MAY-08', 205)
8
9 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (101, 'Lento', 4, 3004)
10 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (102, 'Andar Conmigo', 3, 3004)
11 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (103, 'Nights', 5, 3006)
12 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (104, 'Dead of the Night', 4, 3001)
13 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (105, 'Roses Are Falling', 3, 3001)
14 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (106, 'Plastic', 4, 3007)
15 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (107, 'Say Yes', 2, 3002)
16 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (108, 'Andromeda', 4, 3003)
17 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (109, 'Que De Raro Tiene', 3, 3005)
18
```

1 row(s) inserted.

Writer)

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SQL WorksheetClearFindActionsSave

```
14 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (106, 'Plastic', 4, 3007)
15 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (107, 'Say Yes', 2, 3002)
16 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (108, 'Andromeda', 4, 3003)
17 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (109, 'Que De Raro Tiene', 3, 3005)
18
19 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2001, 'Urieta', 'Martin', 109)
20 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2002, 'Mering', 'Natalie', 108)
21 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2003, 'Smith', 'Elliott', 107)
22 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2004, 'Takeuchi', 'Mariya', 106)
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julieta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
```

1 row(s) inserted.

3 SELECT:

Subscription Table)

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SQL WorksheetClearFindActionsSave

```
15 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (107, 'Say Yes', 2, 3002)
16 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (108, 'Andromeda', 4, 3003)
17 INSERT INTO SONG(SongID, SongName, SongTime, AlbumID) VALUES (109, 'Que De Raro Tiene', 3, 3005)
18
19 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2001, 'Urieta', 'Martin', 109)
20 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2002, 'Mering', 'Natalie', 108)
21 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2003, 'Smith', 'Elliott', 107)
22 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2004, 'Takeuchi', 'Mariya', 106)
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julieta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM SUBSCRIPTION
```

SUBTYPEID	SUBTYPENAME	SUBTYPEDESC
2	Student Plan	Student Discount
3	Family Plan	Family Discount
1	Standard Plan	Standard Price

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3 rows selected.

Customer Table)

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SQL WorksheetClearFindActionsSave

```
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julieta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM CUSTOMER
```

CUSCODE	CUSLASTNAME	CUSFIRSTNAME	CUSCOUNTRY	SUBTYPEID
102	Smith	Robert	United States	1
103	Lozano	Susanna	Mexico	2
104	Brooks	Steve	United States	2
105	Smith	Anthony	United States	3

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4 rows selected.

Artist Table

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SQL WorksheetClearFindActionsSave

```
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM ARTIST
30
```

ARTISTID	ARTISTLASTNAME	ARTISTFIRSTNAME	GENREID
2001	Peck	Orville	1006
2003	Blood	Weyes	1003
2002	Smith	Elliott	1002
2004	Fernandez	Vicente	1007
2006	Venegas	Julietta	1004
2007	Takeuchi	Mariya	1004
2005	Ocean	Frank	1005

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7 rows selected.

Label Table)

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SQL WorksheetClearFindActionsSave

```
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM LABEL
30
```

LABELID	LABELNAME	LABELCOMPANY
201	Sub-Pop	Warner
202	Virgin Records	Universals
203	Sony Mexico	Sony Entertainment
204	Boys Dont Cry	Hypebeast
205	Warner Music Japan	Warner

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5 rows selected.

Genre Table)

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SQL Worksheet Clear Find Actions Save

```
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cutl', 102)
28
29 SELECT * FROM GENRE
30
```

GENREID	GENRENAME	GENREDESC
1002	Rock	rock and roll music
1003	Dream Pop	type of alt rock
1004	Pop	upbeat
1005	Rap	fast
1006	Country	southern
1007	Latin	from latin America

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6 rows selected.

Album table)

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SQL Worksheet Clear Find Actions Save

```
23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cutl', 102)
28
29 SELECT * FROM ALBUM
30
```

ALBUMID	ALBUMNAME	ALBUMDATE	LABELID
3007	Expressions	21-MAY-08	205
3001	Pony	03-JAN-19	201
3002	Either/or	25-FEB-97	202
3005	Que De Raro Tiene	01-JAN-92	203
3003	Titanic Rising	01-APR-19	201
3004	Si	18-NOV-03	203
3006	Blonde	20-AUG-16	204

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7 rows selected.

Song Table)

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SQL Worksheet Clear Find Actions Save

```

23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julieta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM SONG
30

```

SONGID	SONGNAME	SONGTIME	ALBUMID
101	Lento	4	3004
102	Andar Conmigo	3	3004
103	Nights	5	3006
106	Plastic	4	3007
105	Roses Are Falling	3	3001
104	Dead of the Night	4	3001
107	Say Yes	2	3002
108	Andromeda	4	3003
109	Que De Raro Tiene	3	3005

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9 rows selected.

Writer Table

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```

23 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2007, 'Venegas', 'Julieta', 101)
26 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(WriterID, WriterLastName, WriterFirstName, SongID) VALUES (2009, '', 'Cuti', 102)
28
29 SELECT * FROM WRITER
30

```

WRITERID	WRITERLASTNAME	WRITERFIRSTNAME	SONGID
2006	Peck	Orville	105
2001	Urieta	Martin	109
2002	Mering	Natalie	108
2004	Takeuchi	Mariya	106
2005	Peck	Orville	104
2008	Uzowuru	Micheal	103
2003	Smith	Elliot	107
2007	Venegas	Julieta	101
2009	-	Cuti	102

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9 rows selected.

4. Update Song Table (Changed SongName from “Nights” to “Solo”)

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```

18
19 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2001, 'Urieta', 'Martin', 109)
20 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2002, 'Mering', 'Natalie', 108)
21 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2003, 'Smith', 'Elliott', 107)
22 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2004, 'Takeuchi', 'Mariya', 106)
23 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2009, '', 'Cutl', 102)
28
29
30 UPDATE SONG SET SongName = 'Solo' WHERE SongID = 103
31

```

1 row(s) updated.

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SQL Worksheet Clear Find Actions Save

```

24 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2009, '', 'Cutl', 102)
28
29
30 UPDATE SONG SET SongName = 'Solo' WHERE SongID = 103
31
32 SELECT * FROM SONG
33

```

SONGID	SONGNAME	SONGTIME	ALBUMID
101	Lento	4	3004
102	Andar Conmigo	3	3004
103	Solo	5	3006
106	Plastic	4	3007
105	Roses Are Falling	3	3001
104	Dead of the Night	4	3001
107	Say Yes	2	3002
108	Andromeda	4	3003
109	Que De Raro Tiene	3	3005

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5. Alter a table

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```

23 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2005, 'Peck', 'Orville', 104)
24 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2006, 'Peck', 'Orville', 105)
25 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2007, 'Venegas', 'Julietta', 101)
26 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2008, 'Uzowuru', 'Micheal', 103)
27 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, SongID) VALUES (2009, '', 'Cutl', 102)
28
29
30 UPDATE SONG SET SongName = 'Solo' WHERE SongID = 103
31
32 ALTER TABLE CUSTOMER MODIFY(CusFirstName varchar(75))

```

Table altered.

6. Join SONG and ALBUM table:

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```

27 INSERT INTO WRITER(writerID, writerLastName, writerFirstName, songID) VALUES (2009, 'CUTL', 102)
28
29
30 UPDATE SONG SET SongName = 'Solo' WHERE SongID = 103
31
32 ALTER TABLE CUSTOMER MODIFY(CusFirstName varchar(75))
33
34 SELECT * FROM ALBUM
35 INNER JOIN SONG
36 ON ALBUM.AlbumID = SONG.AlbumID

```

ALBUMID	ALBUMNAME	ALBUMDATE	LABELID	SONGID	SONGNAME	SONGTIME	ALBUMID
3004	Si	18-NOV-03	203	101	Lento	4	3004
3004	Si	18-NOV-03	203	102	Andar Conmigo	3	3004
3006	Blonde	20-AUG-16	204	103	Solo	5	3006
3007	Expressions	21-MAY-08	205	106	Plastic	4	3007
3001	Pony	03-JAN-19	201	105	Roses Are Falling	3	3001
3001	Pony	03-JAN-19	201	104	Dead of the Night	4	3001
3002	Either/or	25-FEB-97	202	107	Say Yes	2	3002
3003	Titanic Rising	01-APR-19	201	108	Andromeda	4	3003
3005	Que De Raro Tiene	01-JAN-92	203	109	Que De Raro Tiene	3	3005

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9 rows selected.